

State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Aquatic Resources
Honolulu, Hawaii 96813

March 28, 2008

Board of Land
and Natural Resources
Honolulu, Hawaii

Request for Authorization and Approval to Issue a Papahānaumokuākea Marine National
Monument Conservation and Management Permit to Commanding Officer Jon Swallow,
National Oceanic and Atmospheric Administration (NOAA) Ship HI'IALAKAI, for
Access to State Waters to Conduct Shipboard Support Activities.

The Division of Aquatic Resources (DAR) hereby submits a request for your authorization and approval for issuance of a Papahānaumokuākea Marine National Monument conservation and management permit to Jon Swallow, C.O., NOAA Ship HI'IALAKAI, pursuant to § 187A-6, Hawaii Revised Statutes (HRS), chapter 13-60.5, Hawaii Administrative Rules (HAR), and all other applicable laws and regulations.

The conservation and management permit, as described below, would allow entry and management activities to occur in the Papahānaumokuākea Marine National Monument (Monument), including the NWHI State Marine Refuge and the waters (0-3 nautical miles) surrounding the following sites:

- Nihoa Island,
- Necker Island (Mokumanamana),
- French Frigate Shoals,
- Gardner Pinnacles,
- Maro Reef,
- Laysan Island,
- Lisianski Island, Neva Shoal,
- Pearl and Hermes Atoll, and
- Kure Atoll State Seabird Sanctuary.

The activities covered under this permit would occur from April 1, 2008 through December 31, 2008.

The proposed activities are a renewal of work previously permitted and conducted in the Monument.

INTENDED ACTIVITIES

The applicant proposes to provide an at-sea platform for NOAA's research, education, and management programs and the Monument. Researchers, educators, and managers aboard NOAA Ship HI'IALAKAI would work under separate permits than the ship.

The ship would transit to the Monument from Pearl Harbor, operate within the Monument conducting various operations, including small boat operations, SCUBA diving, snorkeling, marine debris retrieval and removal, oceanographic data collection, and supporting authorized U.S. Fish and Wildlife Service and State of Hawaii marine and land-based operations. The ship would monitor other vessel traffic in the vicinity of operations and report movement via Vessel Monitoring System (VMS) to the NOAA Office of Law Enforcement. Monument personnel would be on board and in charge of all operations.

All methods and procedures would be performed with the safety and welfare of personnel, the protection of Monument resources, and the accomplishment of mission objectives as top priorities. NOAA Ship HI'IALAKAI would have all required inspections (hull fouling, gear, tender vessel, ballast water, and rat) completed before departure to the Monument. NOAA Ship HI'IALAKAI also has a type-approved Vessel Monitoring System (VMS) on board, which meets Monument requirements, and would abide by Monument entry and exit notification requirements.

The support provided by NOAA Ship HI'IALAKAI would not diminish Monument resources, qualities, or ecological integrity and is fully compatible with the purposes of the Proclamation including preserving and furthering understanding of Monument resources and qualities. NOAA Ship HI'IALAKAI plays an integral role in assuring that research and conservation and management activities, which are critical management elements for the Monument, are properly supported in the field.

The activities described above may require the following regulated activities to occur in State waters:

- ☒ Anchoring a vessel
- ☒ Swimming, snorkeling, or closed or open circuit SCUBA diving within any Special Preservation Area or Midway Atoll Special Management Area

REVIEW PROCESS:

The permit application was sent out for review and comment to the following scientific entities: Hawaii Division of Aquatic Resources, Hawaii Division of Forestry and Wildlife, Papahānaumokuākea Marine National Monument (NOAA/NOS), NOAA Pacific Islands Regional Office (NOAA-PIRO), and United States Fish and Wildlife Service Hawaiian and Pacific Islands National Wildlife Refuge Complex Office. The Office of Hawaiian Affairs (OHA), and the Kaho'olawe Island Reserve Commission (KIRC) were also consulted.

Comments received from the scientific community are summarized as follows:

Scientific reviews support the acceptance of this application.

Comments received from the Native Hawaiian community are summarized as follows:

Cultural reviews support the acceptance of this application. Cultural reviewers noted their appreciation that the applicant addressed cultural concerns in a respectful and proactive manner, particularly the initiative of the ship to house a library of multi-media resources to offer cultural education opportunities to those aboard.

Additional reviews and permit history:

Are there other relevant/necessary permits or environmental reviews that have or will be issued with regard to this project? (e.g. MMPA, ESA, EA) Yes ☒ No ☐

If so, please list or explain:

- Research scientists, educators, and managers working aboard NOAA Ship HI'IALAKAI will apply for and be issued separate permits pertaining to their proposed activities.

Has Applicant been granted a permit from the State in the past? Yes ☒ No ☐

If so, please summarize past permits:

- PMNM-2007-028 was issued to the Applicant on July 7, 2007
- DLNR.NWHI06S003 was issued to NOAA Ship HI'IALAKAI's previous Commanding Officer on May 5, 2006

Have there been any a) violations: Yes ☐ No ☒

b) Late/incomplete post-activity reports: Yes ☐ No ☒

Are there any other relevant concerns from previous permits? Yes ☐ No ☒

STAFF OPINION:

DAR staff is of the opinion that Applicant has properly demonstrated valid justifications for his application and should be allowed to enter the NWHI State waters and to conduct the activities therein as specified in the application with the following special instructions and conditions, which are in addition to the Papahānaumokuākea Marine National

Monument Conservation and Management Permit General Conditions. The following special conditions have been vetted through the legal counsel of the Co-Trustee agencies.

1. To prevent introduction of disease or the unintended transport of live organisms, the permittee must comply with the disease and transport protocol attached to this permit.
2. Tenders and small vessels must be equipped with engines that meet EPA emissions requirements.
3. Refueling of tenders and all small vessels must be done at the support ships and outside the confines of lagoons or near-shore waters in the State Marine Refuge
4. No fishing is allowed in State Waters except as authorized under State law for subsistence, traditional and customary practices by Native Hawaiians.

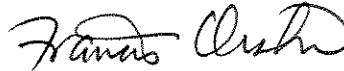
MONUMENT MANAGEMENT BOARD OPINION:

The MMB is of the opinion that the Applicant has met the findings of Presidential Proclamation 8031 and this activity may be conducted subject to completion of all compliance requirements. The MMB concurs with the special conditions recommended by DAR staff.

RECOMMENDATION:

"That the Board authorize and approve a Conservation and Management Permit to Commanding Officer Jon Swallow, NOAA Ship HI'IALAKAI."

Respectfully submitted,



DAN POLHEMUS
Administrator

APPROVED FOR SUBMITTAL



LAURA H. THIELEN
Chairperson

Northwestern Hawaiian Islands Marine National Monument

Permit Application

NOTE: This Permit Application (and associated Instructions) are for activities to be conducted in the Northwestern Hawaiian Islands Marine National Monument, including Hawaiian Islands National Wildlife Refuge, the Midway Atoll National Wildlife Refuge, Battle of Midway National Memorial, Northwestern Hawaiian Islands State Marine Refuge, Kure Atoll Hawaii State Seabird Sanctuary, and the Northwestern Hawaiian Islands Coral Reef Ecosystem Reserve. The Co-Trustees are required to determine that issuing the requested permit is compatible with the findings of Presidential Proclamation 8031. Within this Application, please provide all information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historical and cultural resources of the NWHI Marine National Monument (Monument).

Summary Information

Applicant name:

Jon D. Swallow, CDR/NOAA Commanding Officer, NOAA Ship HI'IALAKAI

Permit categories:

- Research – Please fill out Sections A-D (as applicable) and Appendix A
- ☒ Conservation and Management - Please fill out Sections A-D (as applicable) and Appendix A
- Education - Please fill out Sections A-D (as applicable) and Appendix B
- Native Hawaiian Practices - Please fill out Sections A-D (as applicable) and Appendix C
- ☒ Recreation (Midway ONLY) - Please fill out Sections A-D (as applicable) and Appendix D
- Special Ocean Use - Please fill out Sections A-D (as applicable) and Appendix E

Briefly describe permit activity:

To operate HI'IALAKAI, a 224' National Oceanic and Atmospheric Administration (NOAA) research vessel within the boundaries of the Papahānaumokuākea Marine National Monument. Operations will typically include supporting research scientists with a capable platform from which to engage in research and education activities approved by the Monument co-trustees. Research scientists will work under separate permits than the ship.

- ☒ This application is for a RENEWAL of an existing permitted project.
This application is for a NEW project.

When will the activity take place?

From: 4/29/08 To: 12/31/08

NOTE: INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED

Please Send Permit Applications to:

Papahānaumokuākea Marine National Monument Permit Coordinator
6600 Kalaniana'ole Hwy. # 300
Honolulu, HI 96825

NWHI Monument Permit Application

OMB Control # 0648-0548

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nwhipermmit@noaa.gov

PHONE: (808) 397-2660 FAX: (808) 397-2662

**NOTE: SUBMITTAL VIA ELECTRONIC MAIL IS PREFERRED BUT NOT
REQUIRED. FOR ADDITIONAL SUBMITTAL INSTRUCTIONS, PLEASE SEE PG 7.**

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Swallow, Jon D. CDR/NOAA

Title: Commanding Officer, NOAA Ship HI'IALAKAI

2. Mailing address (street/P.O. box, city, state, country, zip):

NOAA Ship HI'IALAKAI
1897 Ranger Loop
Honolulu, HI 96818

Phone: (808) 479 - 9575

Fax: N/A

Email: co.hiialakai@noaa.gov

For students, major professor's name, telephone and email address: N/A

3. Affiliation (institution/agency/organization directly related to the proposed project):

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
Office of Marine & Aviation Operations

4. Additional persons to be covered by permit:

Officers and crew of NOAA Ship HI'IALAKAI (see attachment #1)

Section B: Project Information

5a. Project location(s):

X Nihoa Island	<input type="checkbox"/> Land-based	X Ocean-based
X Necker Island (Mokumanamana)	<input type="checkbox"/> Land-based	X Ocean-based
X French Frigate Shoals	<input type="checkbox"/> Land-based	X Ocean-based
X Gardner Pinnacles	<input type="checkbox"/> Land-based	X Ocean-based
X Maro Reef		
X Laysan Island	<input type="checkbox"/> Land-based	X Ocean-based
X Lisianski Island, Neva Shoal	<input type="checkbox"/> Land-based	X Ocean-based
X Pearl and Hermes Atoll	<input type="checkbox"/> Land-based	X Ocean-based
X Midway Atoll	<input type="checkbox"/> Land-based	X Ocean-based
X Kure Atoll	<input type="checkbox"/> Land-based	X Ocean-based
Other		

NOTE: Please note there is a fee schedule for people visiting Midway Atoll National Wildlife Refuge via vessel and aircraft.

Location Description:

General scientific operations throughout the Papahaunaumokuakea Marine National Monument.

5b. Check all applicable regulated activities proposed to be conducted in the Monument:

☐ Removing, moving, taking, harvesting, possessing, injuring, disturbing, or damaging any living or nonliving monument resource

☐ Drilling into, dredging, or otherwise altering the submerged lands other than by anchoring a vessel; or constructing, placing, or abandoning any structure, material, or other matter on the submerged lands

X Anchoring a vessel

☐ Deserting a vessel aground, at anchor, or adrift

X Discharging or depositing any material or matter into the monument

☐ Touching coral, living or dead

☐ Possessing fishing gear except when stowed and not available for immediate use during passage without interruption through the monument

☐ Attracting any living monument resource

X Sustenance fishing (Federal waters only, outside of Special Preservation Areas, Ecological Reserves and Special Management Areas)

☐ Subsistence fishing (State waters only)

X Swimming, snorkeling, or closed or open circuit SCUBA diving within any Special Preservation Area or Midway Atoll Special Management Area

6. Purpose/Need/Scope *State purpose of proposed activities:*

The purpose of the ship's activities are to provide an at sea research platform to support diver, small boat, multibeam mapping, and education activities in support of approved Monument permits. All operations are for activities permitted by the co-trustees of the Monument as being compatible with the conservation and management goals of the Monument, NOAA, USF&WS, and the State of Hawaii. Activities will be respectful of the natural, historical and cultural resources of the Monument.

HI'IALAKAI is dedicated to studying and protecting the Papahānaumokuākea Marine National Monument, and to carrying out NOAA's mission of understanding the Earth's environment and managing marine resources to meet our nation's economic, social and environmental needs.

7. As explained further in the instructions, please provide any information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historical and cultural resources of the Monument:

The vessel's activities support federal government research programs and associated universities, non-government organizations, and the State of Hawaii programs designed for further understanding of Monument resources and the increased educational value of the monument's natural and cultural resources for all citizens. The ship provides the base work platform and home for the science teams while in the Monument.

Each year the ship invites a member of the Monument staff to brief the crew on the historical and cultural significance of the Monument. Additionally, DVDs of the cultural lecture and briefing materials of the natural and cultural resources of the Monument are available to crew and scientific personnel aboard the ship so personnel can learn more about the Monument at any time. Being respectful of the natural, historical, and cultural resources of the Monument and the significance of the name "Papahānaumokuākea" is briefed to the crew at "all hands" meetings and has become a part of the ship's culture and heritage.

8. Procedures:

The ship will transit to the monument from Pearl Harbor, operate within the monument with various research and education operations, including small boat operations, diving, snorkeling, multibeam sonar mapping, oceanographic data collection, and supporting authorized USF&WS or State of Hawaii land based operations.

Crew activities will include small boat operations, SCUBA, snorkeling, and swimming as necessary for vessel maintenance, emergency operations, proficiency, or support of vessel and research activities."

The ship will monitor other vessel traffic in the vicinity of operations and report movement via VMS to the NOAA Office of Law Enforcement. The ship will typically perform small boat operations during the day and mapping at night. Monument personnel will typically be on board and in charge of the scientific party.

All methods and procedures will be performed with the safety and welfare of personnel, the protection of Monument natural and cultural resources, and the accomplishment of mission objectives as top priorities.

Ship's personnel will abide by the NOAA documents: "Marine Wildlife Viewing Guidelines", the "Disease and Introduced Species Prevention Protocol for Permitted Activities in the Marine Environment Papahānaumokuākea Marine National Monument" for in water activities, and the "Best Practices for Minimizing Impact of Artificial Light on Sea Turtles"

Section C: Logistics

9. Other permits (list and attach documentation of all other related Federal or State permits):

N / A

9a. For each of the permits listed, please identify any permit violations or any permit that was suspended, amended, modified or revoked for cause. Please explain the circumstances surrounding the violation or permit suspension, amendment, modification or revocation.

N / A

10. Funding sources (Please attach copies of your budget, specific to proposed activities under this permit and include funding sources. Please see instructions for more information):

All funding comes from an annual budget of the United States Federal Government for the National Oceanic and Atmospheric Administration.

11. Time frame:

Activity start: 29 April 2008

Activity completion: 31 December 2008

Dates actively inside the Monument:

The NOAA Ship HI'IALAKAI may be conducting scientific cruises within the Monument anytime during the year. The planned specific dates within the Monument include but are not limited to the following:

April 29 - May 28

June 4 - June 28

July 8 - 25

July 31 - August 28

September 8 - October 12

Please describe any limiting factors in declaring specific dates of the proposed activity at the time of application:

The ship's schedule is subject to change to a variety of factors such as weather delays and changes in project schedules. The actual project dates within the permit time frame are tentative.

Personnel schedule in the Monument:

See attachment 1. Crew list will be updated on a cruise by cruise basis.

12. Please indicate (with attached documentation) what insurance policies, bonding coverage, and/or financial resources are in place to pay for or reimburse the Monument trustees for the necessary search and rescue, evacuation, and/or removal of any or all persons covered by the permit from the Monument:

The federal government is self-insured.

13. Please check the appropriate box to indicate how personnel will enter the Monument:

☒ Vessel

☐ Aircraft

Provide Vessel and Aircraft information:

NOAA Ship HI'IALAKAI

IMO# 8835619

14. What certifications/inspections do you have scheduled for your vessel? Please fill in scheduled date (attach documentation): These inspections are conducted periodically in accordance with Monument regulations. The inspections will be conducted again between April 15–28, 2008 while the ship prepares for the first PMNM cruise of the year.

☐ Rodent free, Date: completed 8/09/2007

☐ Tender vessel, Date: 8/09/2007

☐ Ballast water, Date: 8/09/2007

☐ Gear/equipment, Date: 8/09/2007

☐ Hull inspection, Date: June 26, 2007

15. Vessel information (NOTE: if you are traveling aboard a National Oceanic and Atmospheric Administration vessel, skip this question):

Vessel name:

Vessel owner:

Captain's name:

IMO#:

Vessel ID#:

Flag:

Vessel type:

Call sign:

Embarkation port:

Last port vessel will have been at prior to this embarkation:

Length:

Gross tonnage:

Total ballast water capacity volume (m3):

Total number of ballast water tanks on ship:

Total fuel capacity:

Total number of fuel tanks on ship:

Marine Sanitation Device:

Type :

How will you comply with the 'No Discharge' regulations stipulated in Presidential Proclamation 8031? Describe in detail. If applicable, please attach schematics of the vessel's discharge and treatment systems:

H'IALAKAI, like any other vessel or house hold, inevitably creates waste. The ship carries up to 48 scientists and crew for 30-day periods. The waste generated is relatively small compared to a cruise ship or other larger vessels, but the issue is taken very seriously. The ship has waste management systems and plans, follows or exceeds MARPOL and USCG regulations in all waters, and has a goal to exceed Monument regulations when operating inside the Monument.

Inside the Special Preservation Areas (SPAs) the ship holds everything that flows down a drain. Outside the SPA, the ship legally discharges food scraps, which are not sanitary to store on board, treated sewage (type II MSD effluent), and diluted water from sink and shower drains (grey water) in accordance with regulations and the ship's permit. Water saving equipment was installed in 2007 to reduce the amount of drain water generated each day, substantially reducing the amount of waste water requiring treatment each day.

Discharges such as engine cooling water, deck runoff, and engine exhaust are inevitable to vessel use and are allowed in all areas under the Monument regulations.

The crew of HI'IALAKAI is understanding and respectful of the natural and cultural importance of the Monument, and will strive to minimize all discharges of any type within the Monument.

Other fuel/hazardous materials to be carried on board and amounts:

Fuel / Lubricants: Gasoline, #2 Diesel Fuel, Lubrication Oil & Hydraulic Oil (Amounts will vary per cruise)

Hazardous Materials (MSDS Inventory):

Antifoulant Device	EP-921 (cleaning solvent)
Aqua-Sol 20/20 Marine	Estesol Gold (skin cleanser)
AS-175 Anti-Slip Coating	Eyesaline Concentrate (eyewash)
Various Types of Batteries	First Step
CCX-77	Gasket Remover Aerosol
Cleaner / Degreaser 5G	Gleem Metal Polish
Clorox Bleach	Paints (Various)
LPS CFC - Contact Cleaner	Qurox
Silicone Aerosol	Simple Green (Cleaner / Degreaser)
WD-40	Wedac
ZEP Rust Remover	

Please provide proof of a National Oceanic and Atmospheric Administration (NOAA) Office of Law Enforcement-approved Vessel Monitoring System (VMS). Please provide the name and contact information of the contractor responsible for installing the VMS system. Please also describe unit name and type:

Sailor TT 3606 XP - Thrane & Thrane

VMS Email: 430338120@c.xantic.net

Inmarsat ID#:430388120

16. Tender information:

On what workboats (tenders) will personnel, gear and materials be transported within the Monument? Please list the number of tenders/skiffs aboard and specific types of motors:

The NOAA Ship HI'IALAKAI has the following tenders which will be deployed.

1. 8m - Jetboat Launch - 270 hp Yanmar (Diesel)
2. 10m - Jetboat Launch - 315 hp Yanmar (Diesel)
3. Rescue Boat - Four Stroke 115 hp (Gas)
4. (2) Zodiac inflatable boat - single outboard engine (Four Stroke 50hp)

Additionally, HI'IALAKAI may carry one or more of the following science party provided tenders:

1. 19' Safeboat - twin outboard engines (Four Stroke 60 hp each)
2. 19' Safeboat - twin outboard engines (Four Stroke 75 hp each)
3. 19' Safeboat - AHI multibeam sonar survey launch - Volvo inboard/outboard Diesel (236 hp)
4. (2) Avon inflatable boat - single outboard engine (Four Stroke 50hp)
5. 10m console boat - twin outboard engines (Four Stroke 90 hp each)

Section D: Additional Information for Land Based Operations

17. Proposed movement of personnel, gear, materials, and, if applicable, samples:

The ship may use tenders to transport personnel, gear, and materials to shore in support of USF&WS & State of Hawaii sponsored land based operations.

18. Room and board requirements on island:

None

19. Work space needs:

None

With knowledge of the penalties for false or incomplete statements, as provided by 18 U.S.C. 1001, and for perjury, as provided by 18 U.S.C. 1621, I hereby certify to the best of my abilities under penalty of perjury of that the information I have provided on this application form is true and correct.

Signature

Date

PLEASE SEND ONE SIGNED APPLICATION VIA MAIL TO THE MONUMENT OFFICE BELOW:

NWHI Marine National Monument Permit Coordinator
6600 Kalaniana'ole Hwy. # 300
Honolulu, HI 96825
FAX: (808) 397-2662

DID YOU INCLUDE THESE?

- ☐ Applicant CV/Resume/Biography
- ☐ Electronic and Hard Copy of Application with Signature
- ☐ Map(s) or GPS point(s) of Project Location(s), if applicable
- ☐ Funding Proposal(s)
- ☐ Funding and Award Documentation, if already received
- ☐ Documentation of Insurance, if already received
- ☐ Documentation of Inspections
- ☐ Documentation of all required Federal and State Permits or applications for permits
- ☐ Statement of information you wish to be kept confidential

Appendix A: Research OR Conservation and Management Application

NOTE: If land or marine archeological activities are involved, please contact the Monument Permit Coordinator at the address on the general application form before proceeding, as a customized application will be needed. For more information, please contact the Monument office on the first page of this application.

1a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary):

None by ship's personnel. Scientific party activities are covered under a separate permit.

Common name:

Scientific name:

& size of specimens:

Collection location:

☐ Whole Organism ☐ Partial Organism

1b. What will be done with the specimens after the project has ended?

1c. Will the organisms be kept alive after collection? ☐ Yes ☐ No

• Specific site/location:

• Is it an open or closed system? ☐ Open ☐ Closed

• Is there an outfall? ☐ Yes ☐ No

• Will these organisms be housed with other organisms? If so, what are the other organisms?

• Will organisms be released?

2. If applicable, how will the collected samples or specimens be transported out of the Monument?

3. Describe collaborative activities to share samples, reduce duplicative sampling, or duplicative research:

4a. Gear and materials:

4b. Please list all Hazardous Materials you propose to take to and use within the Monument:

5. Fixed installations and instrumentation:

6. Provide a time line for sample analysis, data analysis, write-up and publication of information:

7. List all publications directly related to the proposed project:

DID YOU INCLUDE THESE?

☐ Material Safety Data Sheets for Hazardous Materials

Appendix B: Education Application

1. Are you collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere?

2. Gear and materials:

3. Fixed installations and instrumentation:

4. Is your proposed activity based on a State Department of Education Standards Based Curriculum? If so, please describe:

5. What materials, products or deliverables will be developed as a result of your proposed activity? Provide a time line for write-up and publication of information or production of educational materials:

6. List all publications/references directly related to the proposed project:

7a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary):
mit.

Common name:

Scientific name:

& size of specimens:

Collection location:

☐ Whole Organism ☐ Partial Organism

7b. What will be done with the specimens after the project has ended?

7c. Will the organisms be kept alive after collection? ☐ Yes ☐ No

• Specific site/location:

- Is it an open or closed system? ☐ Open ☐ Closed

- Is there an outfall? ☐ Yes ☐ No

- Will these organisms be housed with other organisms? If so, what are the other organisms?

- Will organisms be released?

8. If applicable, how will the collected samples be transported out of the Monument?

Appendix C: Native Hawaiian Practices Application

1. Please state how the purpose and intent of the activity are appropriate and deemed necessary by traditional standards in the Native Hawaiian culture (pono), and demonstrate an understanding of, and background in, the traditional practice, and its associated values and protocols:

2. Please state how the activity benefits the resources of the Northwestern Hawaiian Islands and the Native Hawaiian community:

3. Please state how the activity supports or advances the perpetuation of traditional knowledge and ancestral connections of Native Hawaiians to the Northwestern Hawaiian Islands:

4. Will you be collecting any Monument resource? ☐ Yes ☐ No
If so, please provide the following information:

4a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary):

Common name and/or Scientific name:

& size of specimens:

Collection location:

☐ Whole Organism ☐ Partial Organism

4b. What will be done with the specimens after the Native Hawaiian cultural practice is complete?

4c. Will organisms be kept alive after collection? ☐ Yes ☐ No

• Specific site/location:

• Is it an open or closed system? ☐ Open ☐ Closed

• Is there an outfall? ☐ Yes ☐ No

• Will these organisms be housed with other organisms? If so, what are the other organisms?

• Will organisms be released?

NOTE: Any Monument resource harvested from the Monument for the purpose of Native Hawaiian practices will be consumed in the Monument.

5. Are you collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere?

6. Gear and materials:

7. Will you erect any Native Hawaiian cultural structures or leave any offerings in the Monument? ☐ Yes ☐ No

If so, please describe:

8. Will you produce any publications, educational materials or other deliverables?
☐ Yes ☐ No

Provide a time line for write-up and publication of information or production of materials:

Appendix D: Recreation Application

For Activities in the Midway Atoll Special Management Area Only

1. Please explain how the activity is for the purpose of recreation as defined: An activity conducted for personal enjoyment that does not result in the extraction of Monument resources and that does not involve a fee-for-service transaction:

Ship's personnel will participate in recreational and conservation management activities within the Midway Atoll Special Management Area on a very limited basis. This typically involves 1-2 days per 4-week project to berth the vessel at Midway and allow the crew to perform voluntary conservation work with USF&WS personnel (removal of invasive plant species, debris cleanup, etc.), and enjoy recreational beach and water activities. The crew utilizes their experiences to better educate citizens on the resources and importance of protecting a special place like the NWHI MNM. No Monument resources will be extracted and no fee-for-service transactions will occur.

2. Other Associated Monument Permits:

Conservation and Management

3. Gear and materials:

Basic recreational gear for swimming, snorkeling, diving, and beach activities. Beach will be left cleaner than when we arrived.

4. Fixed installations and instrumentation:

None

Appendix E: Special Ocean Use Application

NOTE: If this is a first time Special Ocean Use activity, it will be subject to a pilot project.

1. Please provide proof of general liability insurance, or indicate that you will be posting an equivalent bond against claims arising out of activities conducted under the permit:

2. Are you collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere?

3. Gear and materials:

4. Fixed installations and instrumentation:

5. List all publications directly related to the proposed project:

For projects occurring with the Midway Atoll Special Management Area answer the following questions:

6. Please explain how your activity has been found compatible with the purposes for which the Midway Atoll National Wildlife Refuge was designated?

7. Please explain how your activity meets the requirement of furthering conservation and management of the Monument:

For projects occurring outside of the Midway Atoll Special Management Area answer the following questions:

8. Please explain how the proposed activity will directly benefit the conservation and management of the Monument:

9. Please explain how the purpose of the proposed activity is for research and education related to resources or qualities of the Monument:

NOTE: SPECIAL OCEAN USE PERMITS OUTSIDE THE MIDWAY ATOLL SPECIAL MANAGEMENT AREA DO NOT ALLOW THE USE OF A COMMERCIAL PASSENGER VESSEL. A commercial passenger vessel is defined by the monument regulations as a vessel that carries individuals who have paid for such carriage.

Attachment 1

NOAA Ship HI'IALAKAI Complement List 2008

Crew Position	Name	Projected	Augmentors
Commanding Officer	Jon Swallow	Michael Doherty	
Executive Officer	Keith Golden	Jonathan Anderson	
Operations Officer	Eric Johnson	Jeffrey Rob	
Navigation Officer	James Falkner	Joeseeph Morris	
Medical Officer	William Cooper	Walter Lau	
Junior Officer	Patrick Jorgensen	Marlo Mendoza	
Mate	Jeff Sage		
Chief Engineer	Keven Sorbello		
Chief Engineer	Sara Greene		
First Engineer	Jesse Duncan		
Second Engineer	Ric Gabona		
Junior Engineer	TBD		
Engine Utility	Angelo Grant		
Wiper	Tony Nemicolla		
Chief Bosun	Mark O'Connor		
Bosn Group Leader	Keith Lyons		
Deck Utility	Gaetano Maurizio		
Able Seaman	Jason Kehn		
Able Seaman	Scott Jones		
Ordinary Seaman	Mike Young		
Ordinary Seaman	Ray Castillo		
General Vessel Assisstant	Tim Crumley		
Chief Steward	Allen Gary		
Second Cook	Susan Parker		
Second Cook	Ava Dent		
Survey Technician	Jeremy Talor		
Electronics Technician	Mike Crumley		
Electronics Technician	Joe Roessler		
Chamber Operator	Jim Bostick		